	Туре	Hits	Search Text	DBs	Time Stamp
1	BRS	1	709/\$.ccls. and packet and store and forward and client and server and ((messaging MSG) near file) and (information data) and (controller handler manager agent)	USPAT; EPO; JPO	2004/03/03 16:08
2	BRS	4	packet and store and forward and client and server and ((messaging MSG) near file) and (information data) and (controller handler manager agent)	USPAT; EPO; JPO	2004/03/03 11:26
3	BRS	4	packet and store and forward and server and ((messaging MSG) near file) and (information data) and (controller handler manager agent)	USPAT; EPO; JPO	2004/03/03 11:27
4	BRS	38	((messaging MSG) near file) and (information data) and (controller handler manager agent)	USPAT; EPO; JPO	2004/03/03 11:30
5	BRS	6166	709/\$.ccls. and packet	USPAT; EPO; JPO	2004/03/03 11:30
6	BRS	5831	(709/\$.ccls. and packet) and stor\$3	USPAT; EPO; JPO	2004/03/03 11:31
7	BRS	3158	((709/\$.ccls. and packet) and stor\$3) and forward\$3	USPAT; EPO; JPO	2004/03/03 11:31
8	BRS	1634	(((709/\$.ccls. and packet) and stor\$3) and forward\$3) and client and server	USPAT; EPO; JPO	2004/03/03 11:31
9	BRS	1590	((((709/\$.ccls. and packet) and stor\$3) and forward\$3) and client and server) and application	USPAT; EPO; JPO	2004/03/03 11:32
10	BRS	1006	((((((709/\$.ccls. and packet) and stor\$3) and forward\$3) and client and server) and application) and event	USPAT; EPO; JPO	2004/03/03 11:32
11	BRS	961	(((((((709/\$.ccls. and packet) and stor\$3) and forward\$3) and client and server) and application) and event) and (generat\$3 provid\$3 suppl\$4 issu\$3 creat\$3) and respon\$4	USPAT; EPO; JPO	2004/03/03 11:34
12	BRS	320	((((((((709/\$.ccls. and packet) and stor\$3) and forward\$3) and client and server) and application) and event) and (generat\$3 provid\$3 suppl\$4 issu\$3 creat\$3) and respon\$4) and (dispatch\$3 communicat\$3) and (ACK acknowledge\$4)		2004/03/03 11:37

	Туре	Hits	Search Text	DBs	Time Stamp
13	BRS	29	(((((((((709/\$.ccls. and packet) and stor\$3) and forward\$3) and client and server) and application) and event) and (generat\$3 provid\$3 suppl\$4 issu\$3 creat\$3) and respon\$4) and (dispatch\$3 communicat\$3) and (ACK acknowledge\$4)) and (target with (ID identifier identity))	USPAT; EPO; JPO	2004/03/03 12:03
14	BRS	2046	709/203.ccls.	USPAT; EPO; JPO	2004/03/03 12:03
15	BRS	360	709/203.ccls. and packet and stor\$3 and forward\$3 and local\$2	USPAT; EPO; JPO	2004/03/03 12:04
16	BRS	90	(709/203.ccls. and packet and stor\$3 and forward\$3 and local\$2) and ((messag\$3 msg) with file)	USPAT; EPO; JPO	2004/03/03 12:08
17	BRS	199	(709/203.ccls. and packet and stor\$3 and forward\$3 and local\$2) and ((messag\$3 msg) with (file application))	USPAT; EPO; JPO	2004/03/03 12:07
18	BRS	169	((709/203.ccls. and packet and stor\$3 and forward\$3 and local\$2) and ((messag\$3 msg) with (file application))) and server and client	USPAT; EPO; JPO	2004/03/03 12:08
19	BRS	1	lightweight near queue\$3	USPAT; EPO; JPO	2004/03/03 16:10
20	BRS	5	lightweight with queue\$3	USPAT; EPO; JPO	2004/03/03 16:12
21	BRS	21	lightweight same queue\$3	USPAT; EPO; JPO	2004/03/03 16:17
22	BRS	763957 2	ldap nos	USPAT; EPO; JPO	2004/03/03 16:19
23	BRS	2411	(ldap nos) and (packet near (generat\$3 creat\$3 provid\$3)) and forward\$3 and stor\$3	USPAT; EPO; JPO	2004/03/03 16:24
24	BRS	1132	((ldap nos) and (packet near (generat\$3 creat\$3 provid\$3)) and forward\$3 and stor\$3) and (client user subcriber) and (server gateway hub) and application	USPAT; EPO; JPO	2004/03/03 16:29
25	BRS	1876	((ldap nos) and (packet near (generat\$3 creat\$3 provid\$3)) and forward\$3 and stor\$3) and (messag\$3 email file)	USPAT; EPO; JPO	2004/03/03 16:32
26	BRS	1865	(((ldap nos) and (packet near (generat\$3 creat\$3 provid\$3)) and forward\$3 and stor\$3) and (messag\$3 email file)) and information	USPAT; EPO; JPO	2004/03/03 16:34

	Туре	Hits	Search Text	DBs	Time Stamp
27	BRS	99	((((ldap nos) and (packet near (generat\$3 creat\$3 provid\$3)) and forward\$3 and stor\$3) and (messag\$3 email file)) and information) and lightweight		2004/03/03 16:56
28	IS&R	1	("6678828").PN.	USPAT; EPO; JPO	2004/03/04 08:26
29	IS&R	1	("6442571").PN.	USPAT; EPO; JPO	2004/03/04 08:26
30	IS&R	1	("6496862").PN.	USPAT; EPO; JPO	2004/03/04 08:27

	ט	1	Docu	ment	ID	Issue Date	Pages	Title
1			US 66	77858	B1	20040113	148	INTERNET-BASED METHOD OF AND SYSTEM FOR MONITORING SPACE-TIME COORDINATE INFORMATION AND BIOPHYSIOLOGICAL STATE INFORMATION COLLECTED FROM AN ANIMATE OBJECT ALONG A COURSE THROUGH THE SPACE-TIME CONTINUUM
2	☒		US 66	71818	B1	20031230	285	Problem isolation through translating and filtering events into a standard object format in a network based supply chain
3	☒		US 66	59861	B1	20031209	80	Internet-based system for enabling a time-constrained competition among a plurality of participants over the internet
4	⊠		US 66	15166	B1	20030902	326	Prioritizing components of a network framework required for implementation of technology
5	⊠		US 66	06744	B1	20030812	285	Providing collaborative installation management in a network-based supply chain environment
6	☒		US 65	64248	B1	20030513	25	E-mail system with video e-mail player
7	⊠		US 65	36037	B1	20030318	329	Identification of redundancies and omissions among components of a web based architecture
8	☒		US 65	19571	В1	20030211	327	Dynamic customer profile management
9	⊠		US 64	73794	B1	20021029	328	System for establishing plan to test components of web based framework by displaying pictorial representation and conveying indicia coded components of existing network framework
10	$\boxtimes$		US 64	53354	В1	20020917	49	File server system using connection-oriented protocol and sharing data sets among data movers
11	⊠		US 63:	24581	B1	20011127	46	File server system using file system storage, data movers, and an exchange of meta data among data movers for file locking and direct access to shared file systems

	Current OR	Current XRef	Retrieval Classif	Inventor	s	С	P
1	340/573.1	701/214; 709/203		Faris, Sadeg M. et al.			
2	714/4	714/43; 714/48		Mikurak, Michael G.			
3	463/1	463/29; 705/1		Faris, Sadeg M. et al.			
4	703/27	703/26; 709/220; 709/223; 709/231; 717/140; 719/316		Guheen, Michael F. et al.			
5	717/174	705/26; 717/178		Mikurak, Michael G.			
6	709/206	719/321; 719/329		Budge, Daniel C. et al.			
7	717/151	703/2; 709/231		Guheen, Michael F et al.			
8	705/14			Guheen, Michael F. et al.			
9	709/223	709/224		Guheen, Michael F. et al.			
10	709/229	709/213	·	Jiang, Xiaoye et al.			
11	709/229	707/10; 709/203; 709/213; 709/217; 709/225		Xu, Yikang et al.			

	U	1	D	ocument	ID	Issue Date	Pages	Title
1	⊠		US	6640249	B1	20031028	280	Presentation services patterns in a netcentric environment
2	⊠		US	6640244	В1	20031028	281	Request batcher in a transaction services patterns environment
3	⊠		US	6640238	В1	20031028	284	Activity component in a presentation services patterns environment
4	$\boxtimes$		US	6636242	B2	20031021	280	View configurer in a presentation services patterns environment
5	☒		US	6615253	В1	20030902	281	Efficient server side data retrieval for execution of client side applications
6	☒		US	6615199	В1	20030902	282	Abstraction factory in a base services pattern environment
7	☒		US	6606660	B1	20030812	280	Stream-based communication in a communication services patterns environment
8	☒		US	6601234	B1	20030729	282	Attribute dictionary in a business logic services environment
9	☒		US	6601192	В1	20030729	286	Assertion component in environment services patterns
10	Ø		US	6578068	В1	20030610	282	Load balancer in environment services patterns
11	⊠		US	6571282	В1	20030527	279	Block-based communication in a communication services patterns environment
12	☒		US	6557036	B1	20030429	14	Methods and apparatus for site wide monitoring of electronic mail systems
13	$\boxtimes$		US	6550057	B1	20030415	286	Piecemeal retrieval in an information services patterns environment
14	☒		US	6549949	В1	20030415	276	Fixed format stream in a communication services patterns environment
15	Ø		US	6539396	В1	20030325	281	Multi-object identifier system and method for information service pattern environment
16	☒		US	6529948	B1	20030304		Multi-object fetch component

	Current OR	Current XRef	Retrieval Classif	Inventor	s	С	P
1	709/228	719/315		Bowman-Amuah, Michel K.			
2	709/207	707/10; 718/101		Bowman-Amuah, Michel K.			
3	709/201	709/203; 709/223; 709/224		Bowman-Amuah, Michael K.			
4	345/764	345/733; 345/744; 345/762; 345/765		Bowman-Amuah, Michel K.			
5	709/219	707/100; 711/118		Bowman-Amuah, Michel K.			
6	706/50			Bowman-Amuah, Michel K.			
7	709/227			Bowman-Amuah, Michel K.			
8	717/108	705/7; 717/107; 717/116		Bowman-Amuah, Michel K.			
9	714/38			Bowman-Amuah, Michel K.			
10	709/203	709/226; 718/105		Bowman-Amuah, Michel K.			
11	709/219	707/10; 709/203; 719/329		Bowman-Amuah, Michel K.			
12	709/224	709/206; 714/41		Kavacheri, Sathyanarayanan N. et al.			
13	717/126	700/80; 707/5; 717/101; 717/102; 717/108; 717/109; 717/113		Bowman-Amuah, Michel K.			
14	709/236	709/246		Bowman-Amuah, Michel K.			
15	707/103R	707/101; 707/102; 707/103X; 707/202; 707/203; 711/118		Bowman-Amuah, Michel K.			
16	709/217	709/219		Bowman-Amuah, Michel K.			

	υ	1	Docu	ment	ID	Issue Date	Pages	Title
17			US 65:	29909	B1	20030304		Method for translating an object attribute converter in an information services patterns environment
18	⊠		US 65:	19568	B1	20030211		System and method for electronic data delivery
19	☒		US 650	02213	B1	20021231		System, method, and article of manufacture for a polymorphic exception handler in environment services patterns
20	⊠		US 64:	96850	В1	20021217		Clean-up of orphaned server contexts
21	⊠		US 64'	77665	В1	20021105		System, method, and article of manufacture for environment services patterns in a netcentic environment
22	⊠		US 64'	77580	В1	20021105		Self-described stream in a communication services patterns environment
23	⊠		US 644	42748	В1	20020827		System, method and article of manufacture for a persistent state and persistent object separator in an information services patterns environment
24	$\boxtimes$		US 64:	38594	B1	20020820		Delivering service to a client via a locally addressable interface
25			US 64:	34628	B1	20020813		Common interface for handling exception interface name with additional prefix and suffix for handling exceptions in environment services patterns
26	⊠		US 64:	34568	B1	20020813		Information services patterns in a netcentric environment
27	×		US 63'	74292	B1	20020416		Access control system for an ISP hosted shared email server
28	×		US 63:	39832	В1	20020115		Exception response table in environment services patterns
29	⊠		US 63:	32163	В1	20011218		Method for providing communication services over a computer network system

	Current OR	Current XRef	Retrieval Classif	Inventor	s	С	P
17	707/10	707/1		Bowman-Amuah, Michel K.			
18	705/1	702/14; 702/6; 705/22; 709/217		Harvey, Diane M. et al.			
19	714/49	710/266; 710/268; 710/269		Bowman-Amuah, Michel K.			
20	709/203	707/102; 709/224; 709/228		Bowman-Amuah, Michel K.			
21	714/39	712/244		Bowman-Amuah, Michel K.			
22	709/231	709/236		Bowman-Amuah, Michel K.			
23	717/108	707/103R; 707/104.1; 707/9; 719/316		Bowman-Amuah, Michel K.			
24	709/225	709/203; 709/217; 709/250		Bowman-Amuah, Michel K.			
25	714/48	714/1; 714/15		Bowman-Amuah, Michel K.			
26	707/103R	707/10; 709/203		Bowman-Amuah, Michel K.			
27	709/206	709/229; 713/201		Srivastava, Anil K. et al.			
28	714/35	710/266; 710/48; 714/50		Bowman-Amuah, Michel K.			
29	709/231	709/217; 709/223; 709/227; 719/329		Bowman-Amuah, Michel K.			

	ט	1	Document ID	Issue Date	Pages	Title
30	⊠		US 6289382 B1	20010911		System, method and article of manufacture for a globally addressable interface in a communication services patterns environment
31	×		US 6279030 B1	20010821		Dynamic JAVA.TM. class selection and download based on changeable attributes
32	☒		US 5986690 A	19991116	56	Electronic book selection and delivery system

	Current OR	Current XRef	Retrieval Classif	Inventor	s	С	P
30	709/226			Bowman-Amuah, Michel K.			
31	709/203	707/10; 717/120; 717/173; 719/315		Britton, Kathryn H. et al.			
32	725/60	725/124; 725/134; 725/87		Hendricks, John S.			

	Retrieval Classif	Inventor	s	С	P	2	3	4	5	Image Doc. Displayed	PT
26		Eggleston, Gene et al.					. 🗆				
27		Baxter, William F. et al.									
28		Reed, Drummond Shattuck et al.									
29		Eggleston, Gene et al.									

	Retrieval Classif	Inventor	s	С	P	2	3	4	5	Image Doc. Displayed	PT
18		Xu, Yikang et al.								US 6324581	
19		Johnson, Karl S. et al.									
20		Chow, Kit M. et al.									
21		Muller, P. Keith et al.									
22		Eggleston, Gene et al.									
23		Reed, Drummond Shattuck et al.									
24		Cottrille, Scott C. et al.									
25		Krause, Michael R.									

	ט	1	D	ocument	ID	Issue Date	Pages	Title
12	⊠		US	6243444	В1	20010605	18	Apparatus and method for local intercept and service of long-distance calls
13	×		US	6219693	B1	20010417	23	File array storage architecture having file system distributed across a data processing platform
14	⊠		US	6205151	В1	20010320	16	ATM cell scheduler which uses a heap memory and associates timestamps with each channel
15	×		US	6163681	Α	20001219	34	Wireless spread spectrum ground link-based aircraft data communication system with variable data rate
16	⊠		US	6115360	Α	20000905	16	Fair scheduling of ATM cell transmissions during overscheduled conditions
17	Ø		us	6014689	A	20000111	24	E-mail system with a video e-mail player
18	×		us	5986690	A	19991116	56	Electronic book selection and delivery system
19	Ø		US	5978855	Α	19991102	36	Downloading applications software through a broadcast channel
20	×		us	5966431	Α	19991012	44	SS7 gateway
21	×		us	5889943	Α	19990330	32	Apparatus and method for electronic mail virus detection and elimination
22	Ø		US	5768539	Α	19980616	37	Downloading applications software through a broadcast channel
23	☒		ບຣ	5706286	A	19980106	45	SS7 gateway
24	⊠		us	5640446	A	19970617	46	System and method of validating special service calls having different signaling protocols
25	$\boxtimes$		US	5638431	A	19970610	46	Calling card validation system and method therefor

_	Current OR	Current XRef	Retrieval Classif	Inventor	s	С	P
12	379/88.17	379/213.01; 379/88.22		O'Neal, Stephen C.			
13	709/203	709/201; 709/211; 709/216; 709/217; 710/33; 710/36		Napolitano, Richard et al.			
14	370/416	370/395.51; 370/486		Quay, Jeffrey R. et al.			
15	455/66.1	340/945; 375/219; 455/431; 455/67.11; 455/67.13; 455/67.16; 701/14; 701/29; 701/35		Wright, Thomas H. et al.			
16	370/235	370/395.53; 370/468		Quay, Jeffrey R. et al.			
17	709/206	345/723; 719/328		Budge, Daniel C. et al.			
18	725/60	725/124; 725/134; 725/87		Hendricks, John S.			
19	709/249			Metz, Erik Christopher et al.			
20	379/115.01	379/115.03; 379/119; 379/229; 379/90.01		Reiman, Douglas P. et al.			
21	713/201	713/188		Ji, Shuang et al.			
22	709/249	375/240.01; 725/132; 725/140		Metz, Erik Christopher et al.			
23	370/401	370/467; 370/496		Reiman, Douglas P. et al.			
24	379/114.28	370/401; 370/467; 379/114.01; 379/114.14; 379/230		Everett, David Alan et al.			
25	379/114.28	379/114.01; 379/114.14; 379/197; 379/230		Everett, David A. et al.			

	υ	1	Document ID	Issue Date	Pages	Title
26			US 5555290 A	19960910		Long distance telephone switching system with enhanced subscriber services
27	⊠		US 5550899 A	19960827		Long distance telephone switching system with enhanced subscriber services
28	Ø		US 5222120 A	19930622		Long distance telephone switching system with enhanced subscriber services
29	⊠		US 4614841 A	19860930		Geographically distributed multiprocessor time-shared communication processing system
30	⊠		US 4500960 A	19850219		Geographically distributed multiprocessor time-shared communication processing system

	Current OR	Current XRef	Retrieval Classif	Inventor	s	C	P
26	379/88.25	379/114.05; 379/114.14; 379/115.02; 379/201.01; 379/216.01; 379/88.07; 379/88.2; 379/91.02		McLeod, Clark E. et al.			
27	379/88.25	379/211.02; 379/216.01; 379/84; 379/88.07; 379/88.2		McLeod, Clark E. et al.			
28	I .	379/196; 379/202.01; 379/207.11; 379/207.13; 379/88.25		McLeod, Clark E. et al.			
29	379/93.29	379/269; 902/39; 902/40		Babecki, Glenn R. et al.			
30	710/100			Babecki, Glenn R. et al.			

	ט	1	Document ID	Issue Date	Page s	Title	Current	OR Current XRef
26	M		US 5958006 A	19990928		Method and apparatus for communicating summarized data	709/219	709/206
27	Ø	! I !	US 5887146 A	19990323		Symmetric multiprocessing computer with non-uniform memory access architecture	710/104	709/400; 710/317; 711/3
28	×		US 5862325 A	19990119		Computer-based communication system and method using metadata defining a control structure	709/201	704/270.1; 707/10; 707/203; 707/204; 709/212; 709/228; 709/242; 709/244
29	⊠	111	US 5764899 A	19980609	1	Method and apparatus for communicating an optimized reply	709/203	725/117; 725/122; 725/81

	ט	1	Doc	ument ID	Issue Date	Page s	Title	Current OR	Current XRef
10	×		US B1	6502135	20021231		Agile network protocol for secure communications with assured system availability	709/225	709/229; 709/245
11	×		US B1	6496862	20021217	38	Remote monitoring and control of devices connected to an IEEE 1394 bus via a gateway device	709/224	709/223; 709/245; 709/246; 709/249
12	×		US B1	6493750	20021210	47	Command forwarding: a method for optimizing I/O latency and throughput in fibre channel client/server/target mass storage architectures	709/220	709/200; 718/106
13	⊠		US B1	6453354	20020917	49	File server system using connection-oriented protocol and sharing data sets among data movers	709/229	709/213
14	Ø		US B1	6385644	20020507	40	Multi-threaded web based user inbox for report management	709/206	709/203; 709/217; 709/219; 709/224
15	⊠		us B1	6377996	20020423	24	System for seamless streaming of data stored on a network of distributed primary and target servers using segmentation information exchanged among all servers during streaming	709/231	709/203; 709/217; 709/226; 709/230; 709/232
16	Ø		US B1	6377993	20020423	46	Integrated proxy interface for web based data management reports	709/227	709/223
17	×		US B1	6345288	20020205	121	Computer-based communication system and method using metadata defining a control-structure	709/201	707/1; 707/10; 707/102; 707/104.1; 709/200; 709/203; 709/212; 709/216; 709/227; 709/229

	ט	1	Docume	nt ID	Issue Date	Page s	Title	Current OR	Current XRef
18	×	1 1 3	US 632 B1	4581	20011127	46	File server system using file system storage, data movers, and an exchange of meta data among data movers for file locking and direct access to shared file systems	709/229	707/10; 709/203; 709/213; 709/217; 709/225
19	×		US 624 B1	9885	20010619		Method for managing environmental conditions of a distributed processor system	714/47	709/224; 714/51
20	⊠		US 614 A	8349	20001114		Dynamic and consistent naming of fabric attached storage by a file system on a compute node storing information mapping API system I/O calls for data objects with a globally unique identification	710/33	709/214; 710/74; 714/44
21	⊠		US 610 A	5122	20000815		I/O protocol for highly configurable multi-node processing system		345/472; 709/215; 709/217; 709/221; 709/224; 709/239; 710/316; 710/36
22	⊠		US 610 A	1531	20000808		System for communicating user-selected criteria filter prepared at wireless client to communication server for filtering data transferred from host to said wireless client	709/206	709/207; 709/220; 709/232
23			US 608 A	8717	20000711		Computer-based communication system and method using metadata defining a control-structure	709/201	707/10; 707/104.1; 707/203; 707/204; 709/212; 709/227; 709/229; 709/242; 709/244
24	⊠		US 607 A	6100	20000613		Server-side chat monitor	709/203	709/204; 709/219; 709/229
25	⊠		US 604 A	7323	20000404		Creation and migration of distributed streams in clusters of networked computers	709/227	709/201; 709/231; 719/321

	ט	1	Dod	cument ID	Issue Date	Page s	Title	Current OR	Current XRef
1	×		US B1	6662213	20031209	30	System and method for ensuring delivery of a single communication between nodes	709/206	719/315
2	⊠		US B2	6658464	20031202	50	User station software that controls transport, storage, and presentation of content from a remote source	709/219	705/26; 705/31; 705/6; 709/206; 709/215; 709/221; 709/227; 709/229; 709/230; 719/315
3	×		US B2	6618761	20030909	62	Agile network protocol for secure communications with assured system availability	709/241	370/232; 370/234; 370/237; 709/242
4	Ø		US B1	6615258	20030902	83	Integrated customer interface for web based data management	709/223	709/229
5	×		US B2	6611862	20030826	50	User station software that controls transport and presentation of content from a remote source	709/217	705/1; 705/6; 707/1; 707/10; 709/206; 709/215; 709/219; 709/227; 709/229; 709/230; 710/1
6	Ø		US B1	6594698	20030715	45	Protocol for dynamic binding of shared resources	709/226	709/219; 709/229; 718/104
7	Ø		US B1	6594692	20030715	55	Methods for transacting electronic commerce	709/219	705/26; 709/203; 709/225
8	⊠		US B2	6557054	20030429	60	Method and system for distributing updates by presenting directory of software available for user installation that is not already installed on user station		709/206; 709/219; 709/221; 709/229; 710/16; 710/19; 710/4; 713/1; 713/100; 713/2
9	×		US B1	6505255	20030107	45	Method for formatting and routing data between an external network and an internal network	709/239	370/351; 370/355; 370/401; 709/249